

**STATEMENT OF BASIS  
PERMIT MODIFICATION  
PERMIT NUMBER WA0003352  
WASHINGTON CRAB PRODUCERS**

The limits for fecal coliforms set in the original permit were identical to the water quality standards for Grays Harbor. This limit failed to make use of the mixing zone granted for the outfall shared by Washington Crab Producers and the City of Westport. The permittee has requested a higher limit be applied in accordance with Department of Ecology policy.

Using the mixing zone study prepared for the City of Westport's wastewater treatment plant construction (Presentation of the Results of Westport Outfall Numerical Modeling and Data Collection, Sanders and Associates, Inc., Kirkland Washington, December 1, 1995), we find a dilution at the possible worst case to be 20 to 1. Applying this dilution to the water quality limits of 14 colonies/100mL monthly average and 43 colonies/100mL daily maximum one gets limits of 280 colonies/100mL monthly average and 860 colonies/100mL daily maximum.

Since these diluted limits exceed the AKART limits for fecal coliforms, the modified permit will use the AKART fecal coliform limit of 200 colonies/100mL monthly average and 400 colonies/100mL daily maximum.